OIPE
JAN 05 2004
PATENT & TRADEMARK OFFICE
JC32

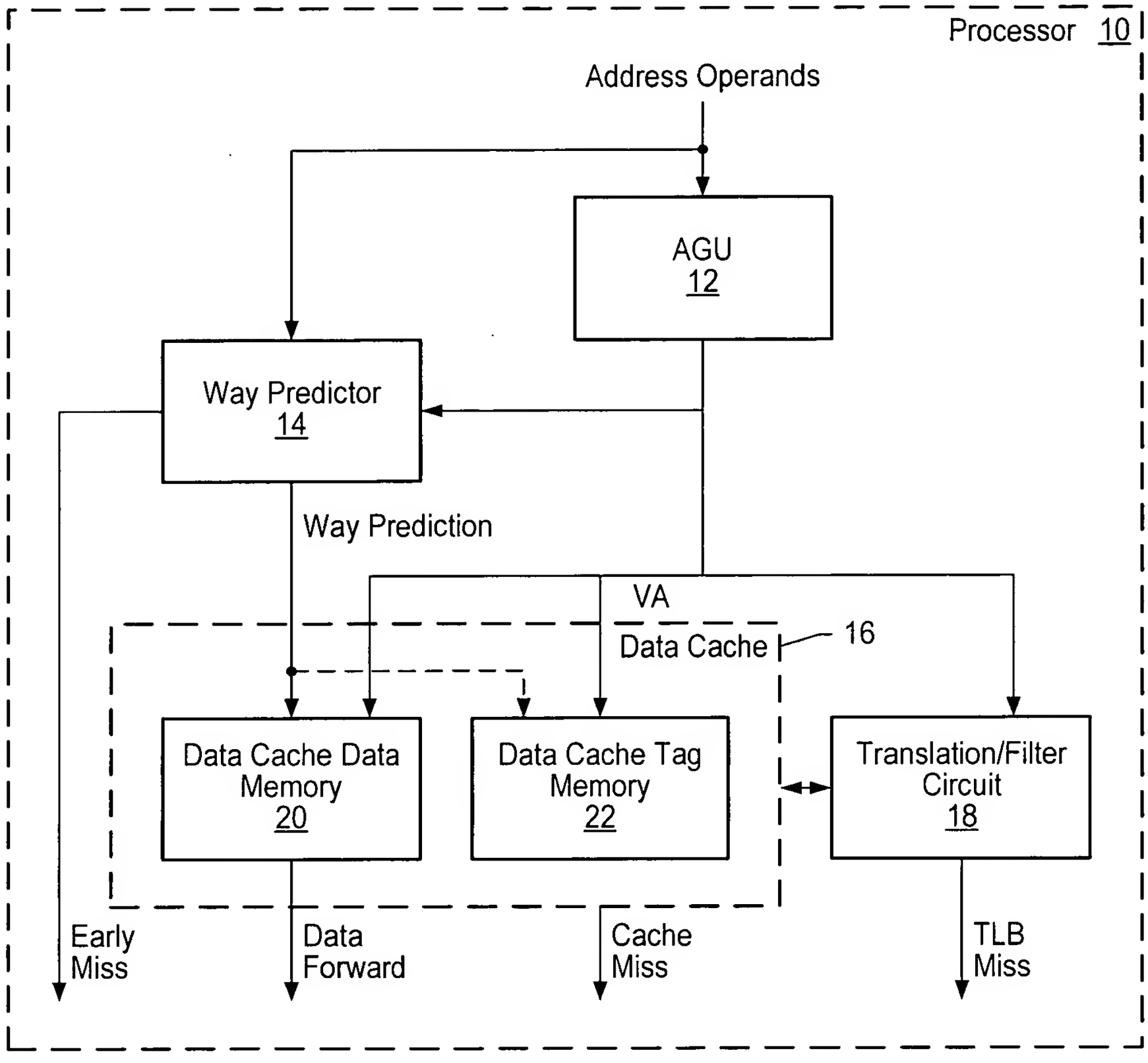

Fig. 1

OIPE JC32
JAN 05 2004
PATENT & TRADEMARK OFFICE

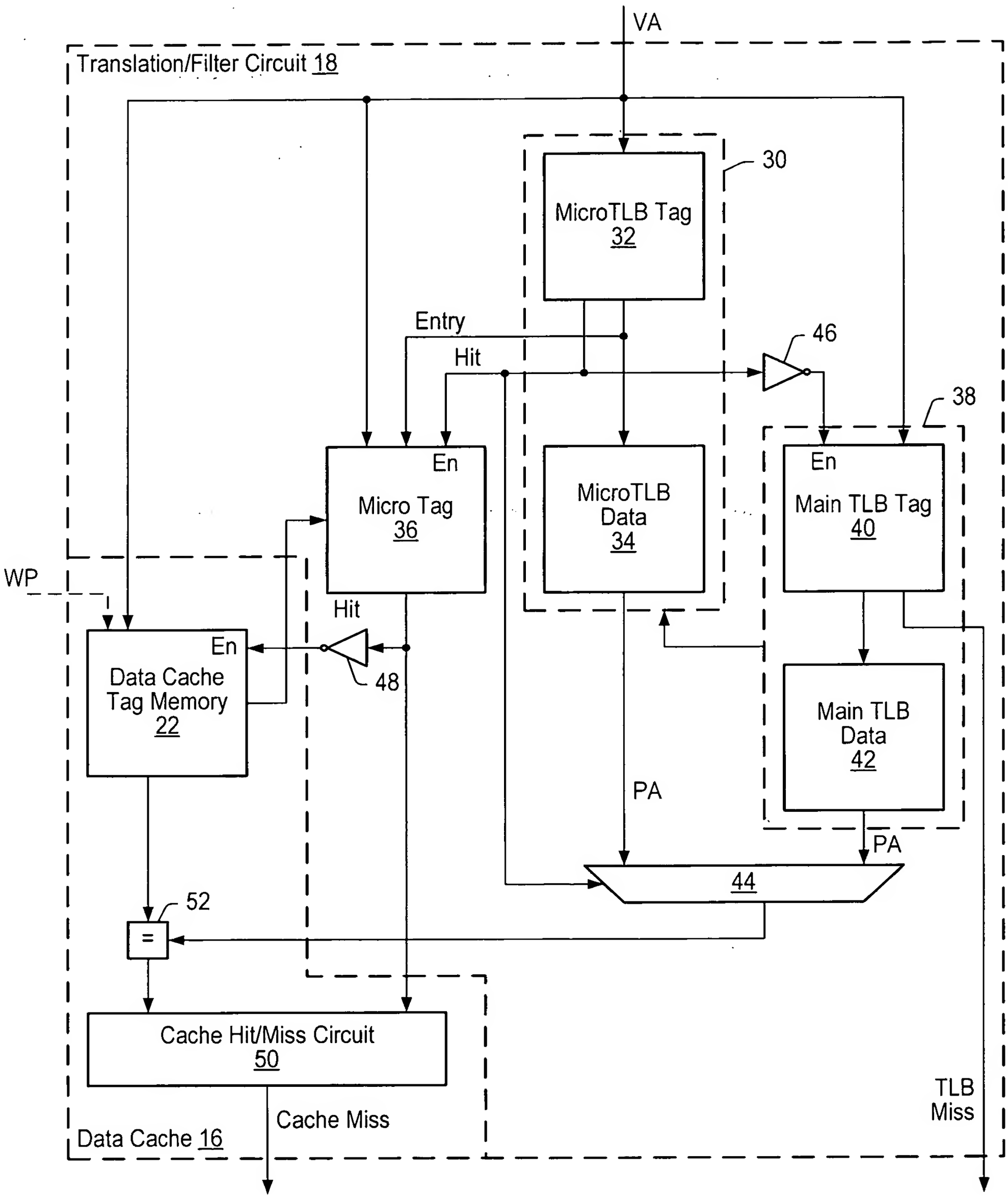

Fig. 2

OIPE JC32
JAN 0 5 2004
PATENT & TRADEMARK OFFICE

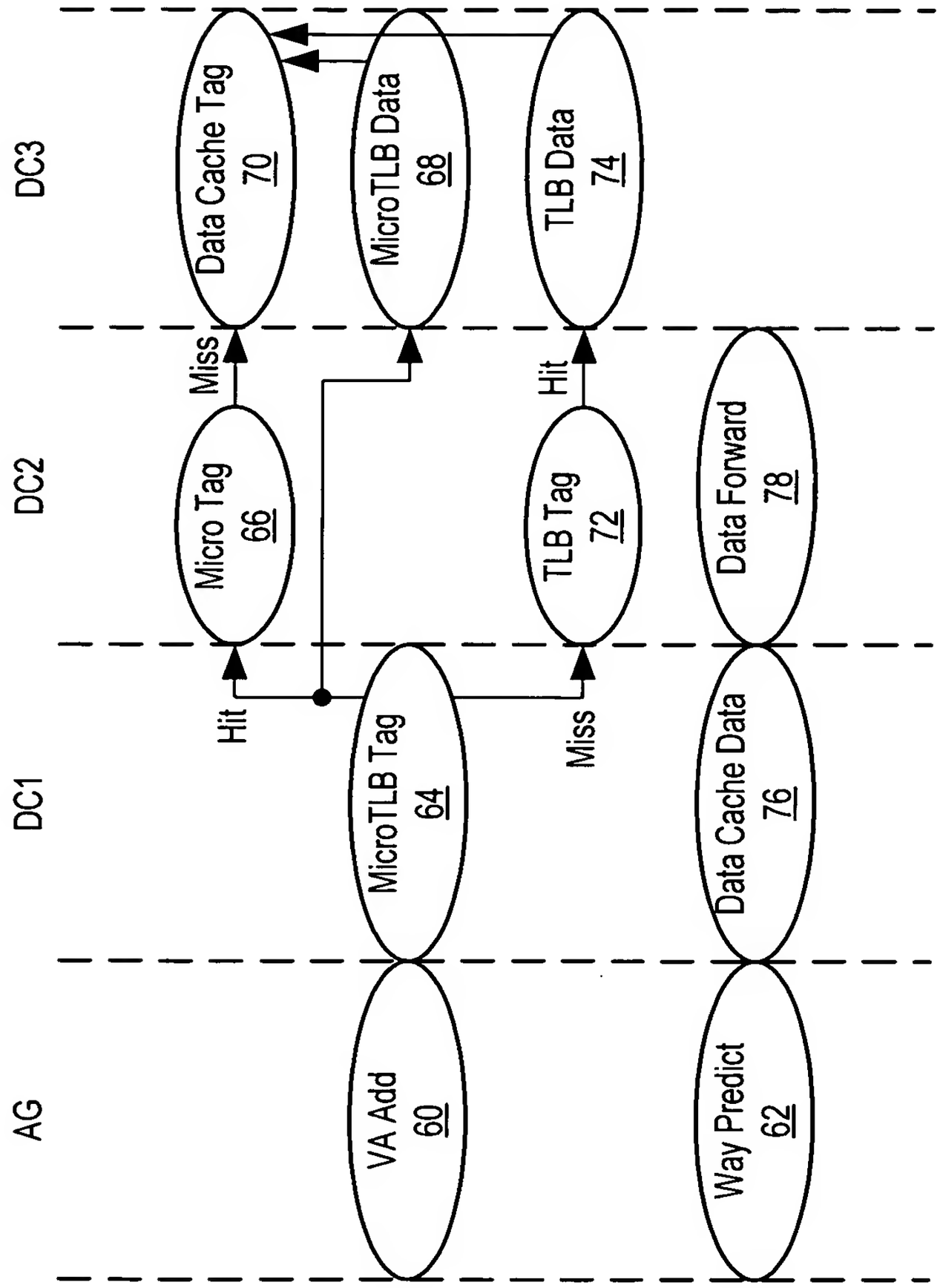

Fig. 3

JAN 05 2004
PATENT & TRADEMARK OFFICE
JC32

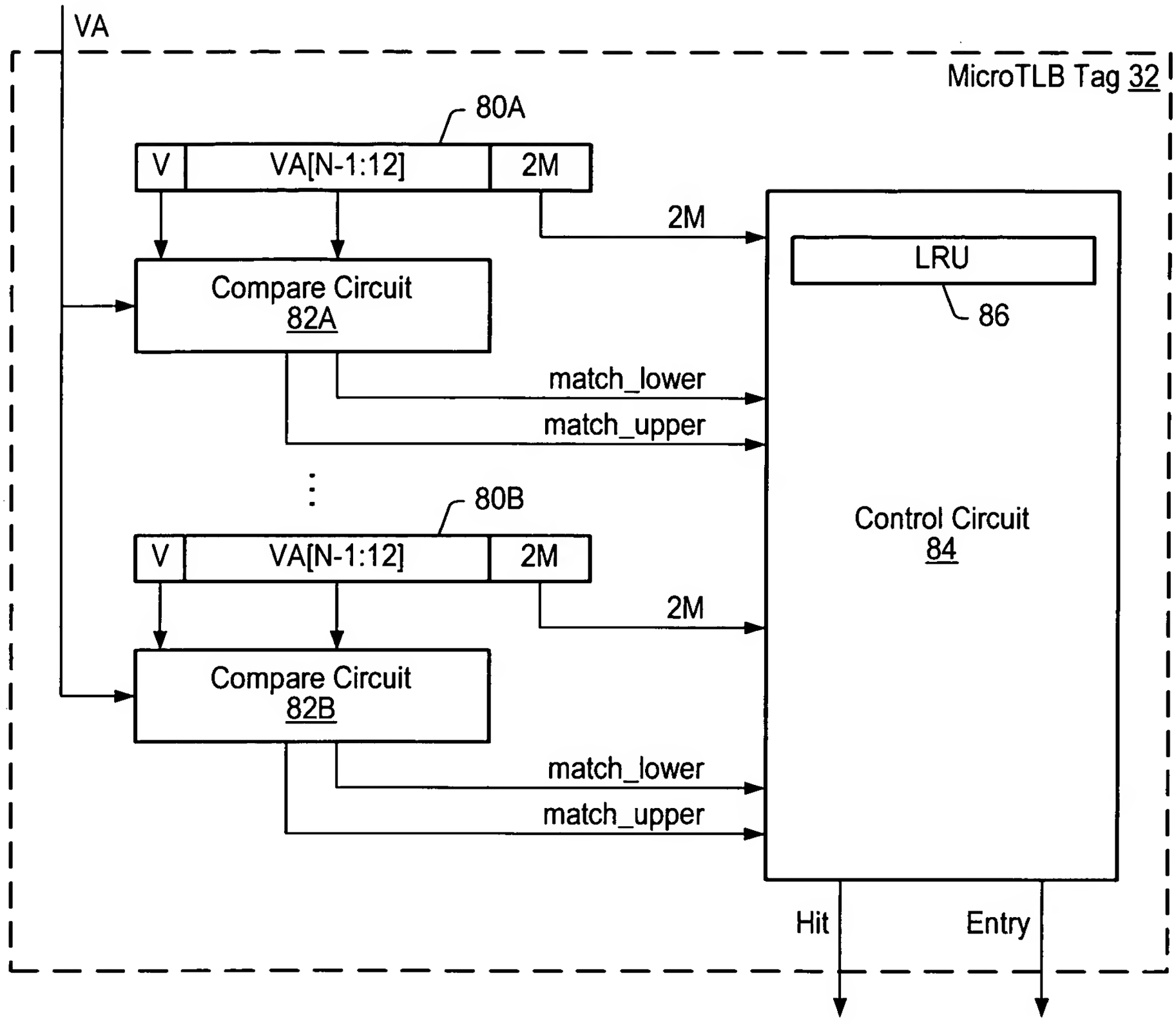

Fig. 4

OIPE JC32
JAN 0 5 2004
PATENT & TRADEMARK OFFICE

2M	match upper	match lower	Result
x	0	x	MicroTLB miss (and thus Micro Tag Miss)
1	1	0	MicroTLB hit 2M page, Micro Tag Miss
1	1	1	MicroTLB hit 2M page, Micro Tag Lookup
0	1	0	MicroTLB miss (and thus Micro Tag Miss)
0	1	1	MicroTLB hit 4k page, Micro Tag Lookup

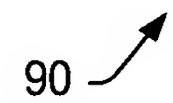

Fig. 5

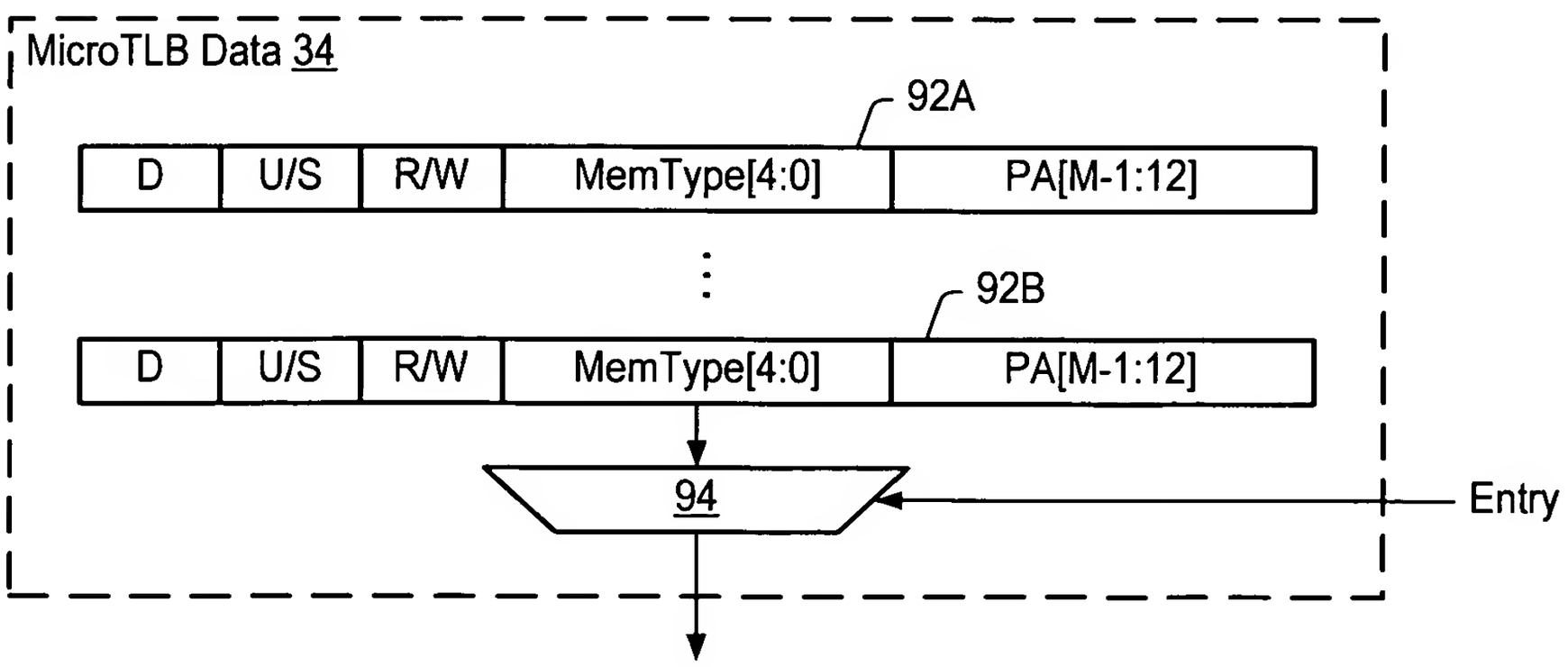

Fig. 6

OIPE JC32
JAN 0 5 2004
PATENT & TRADEMARK OFFICE

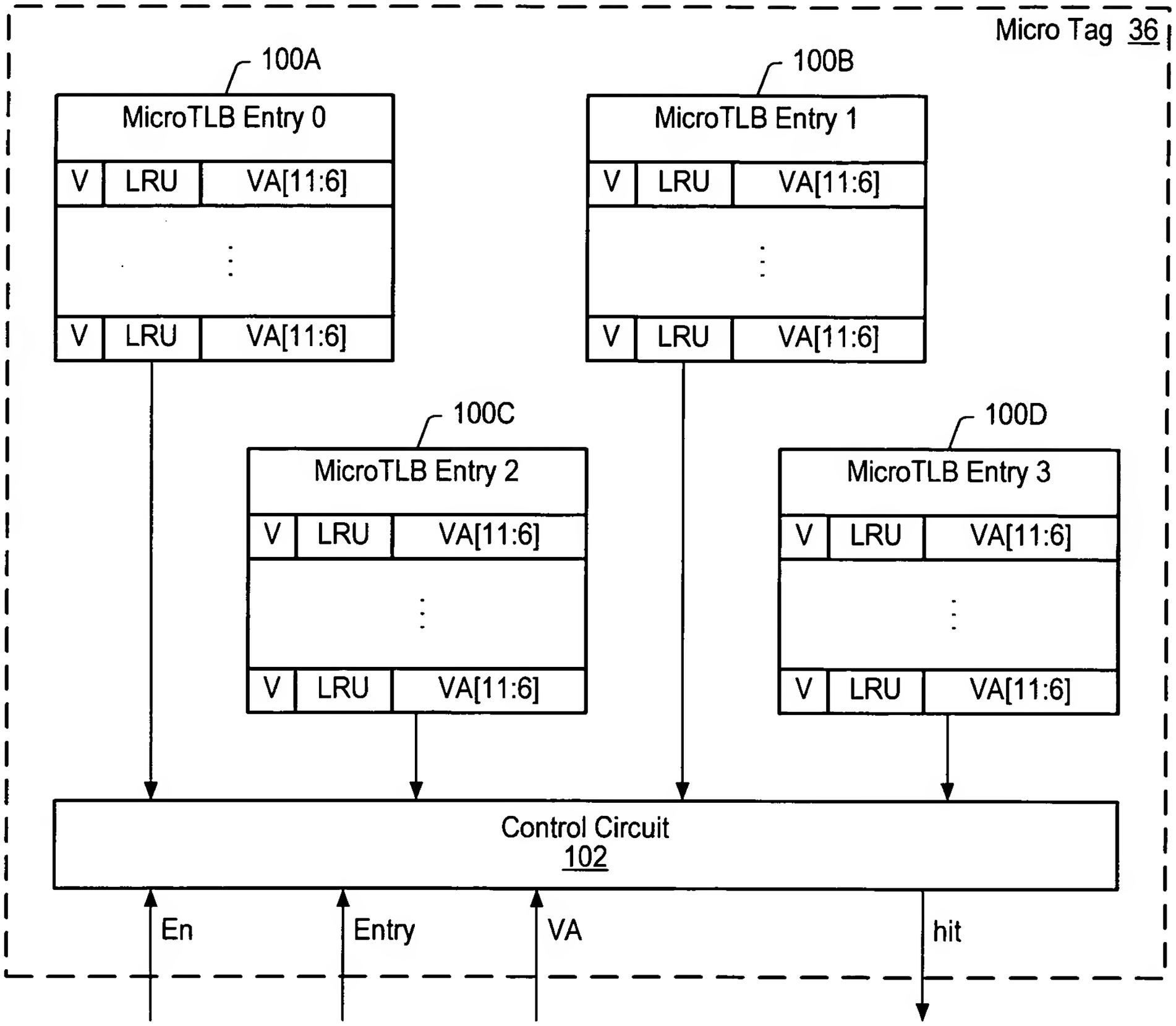

Fig. 7

O.I.P.E.
JAN 05 2004
PATENT & TRADEMARK OFFICE
JC32

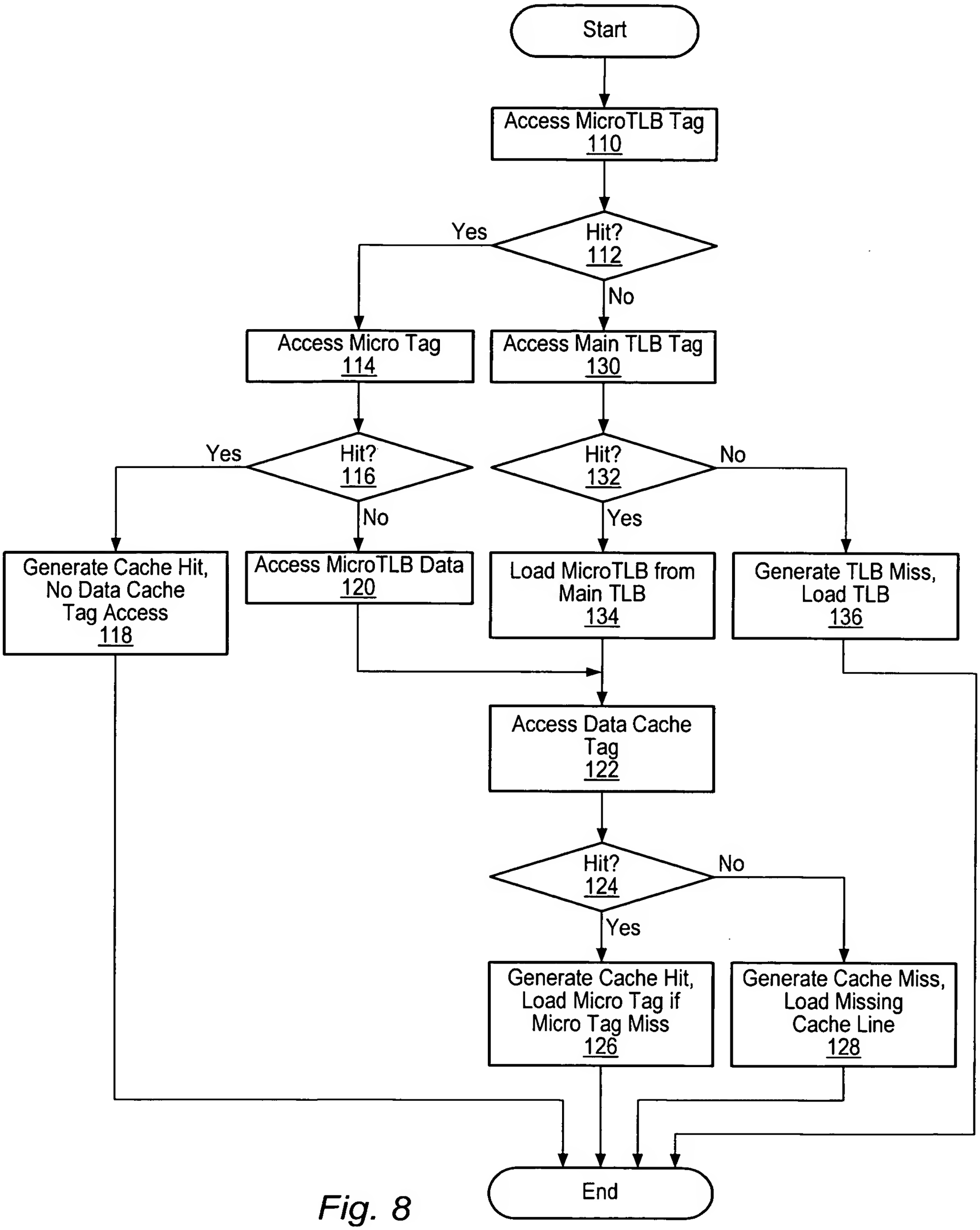

Fig. 8

OIPE
JAN 0 5 2004
JC32
PATENT & TRADEMARK OFFICE

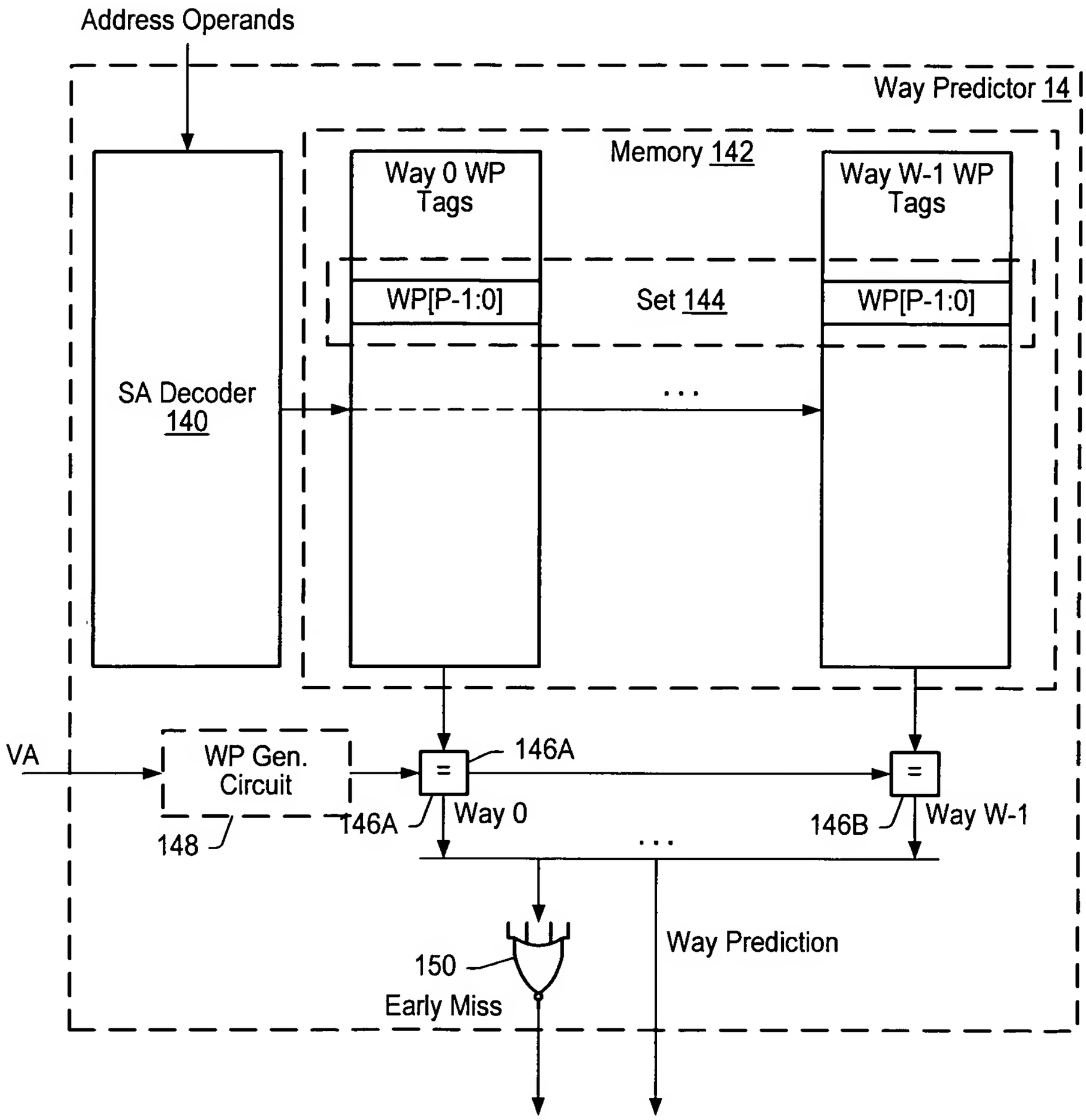

Fig. 9

OIPE
JAN 0 5 2004
PATENT & TRADEMARK OFFICE

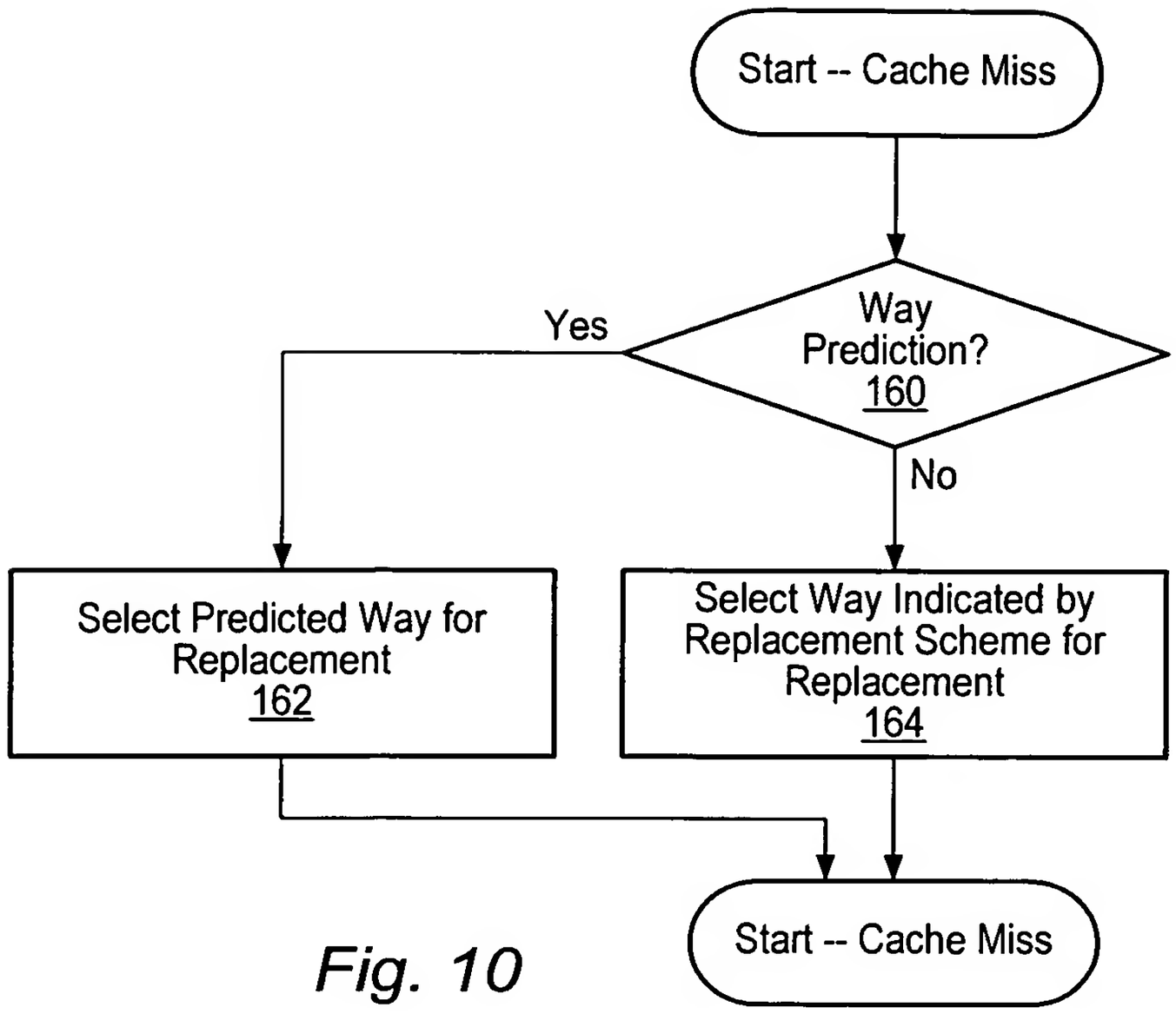

Fig. 10

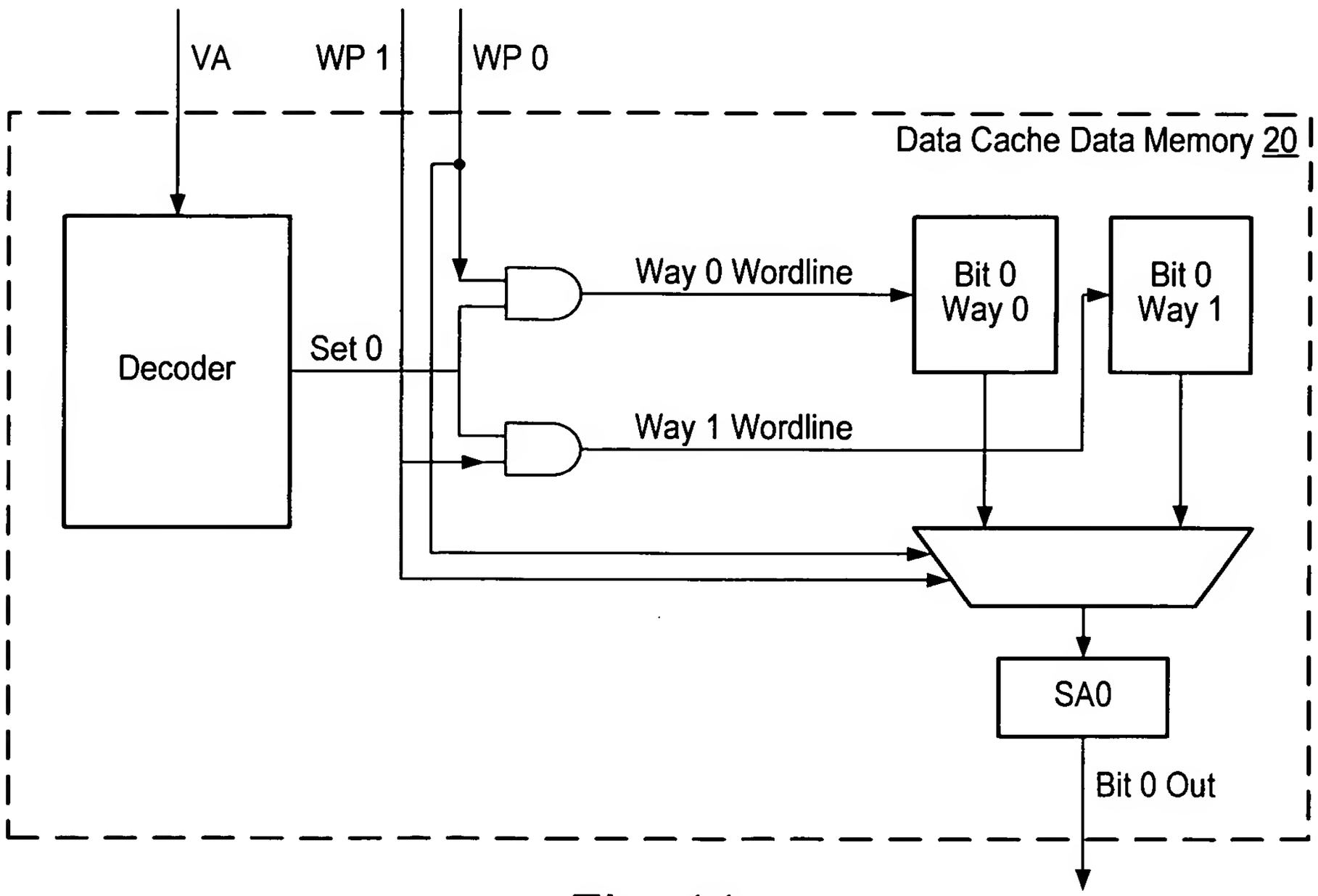

Fig. 11

OIPE JC32
JAN 0 5 2004
PATENT & TRADEMARK OFFICE

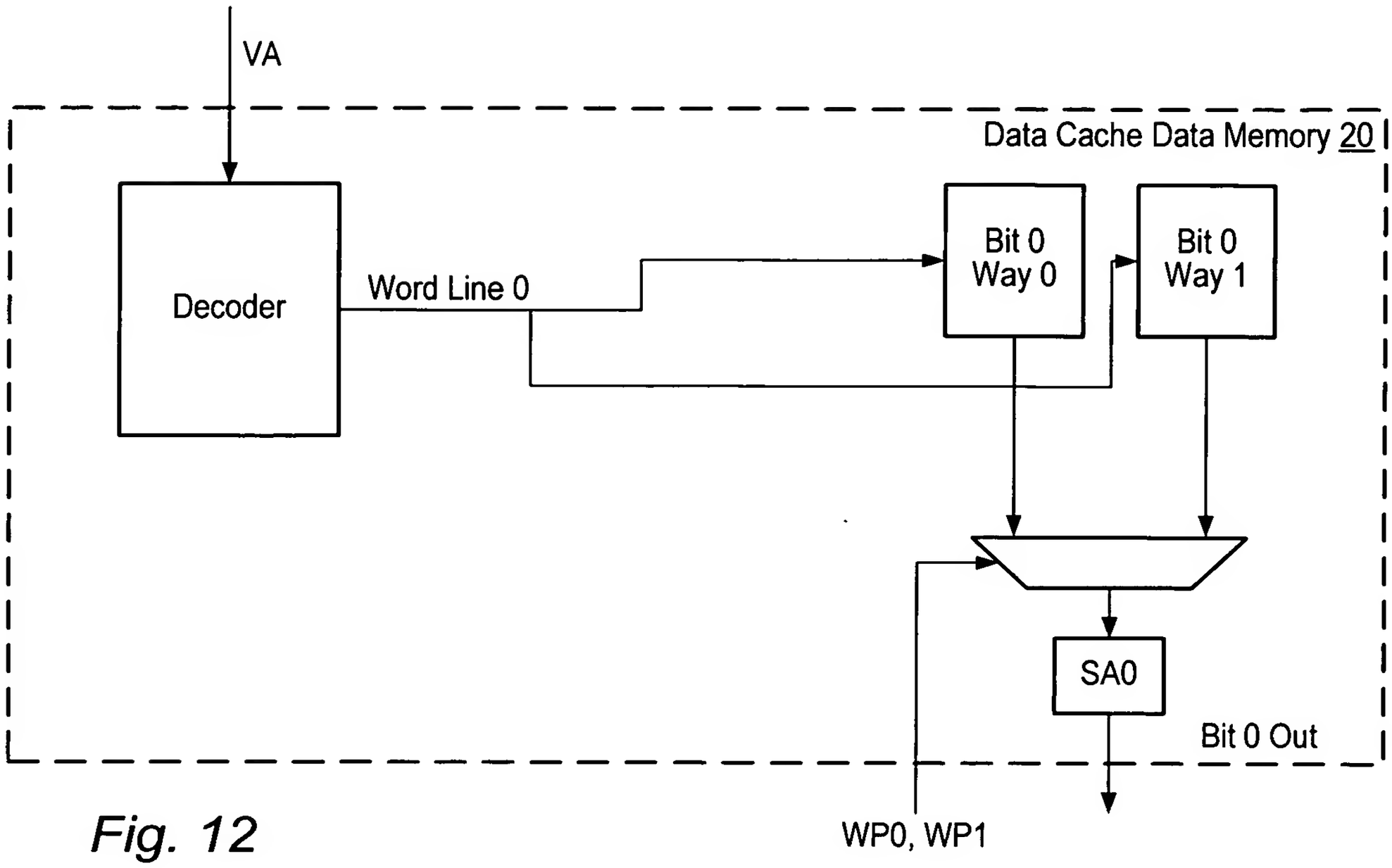

Fig. 12

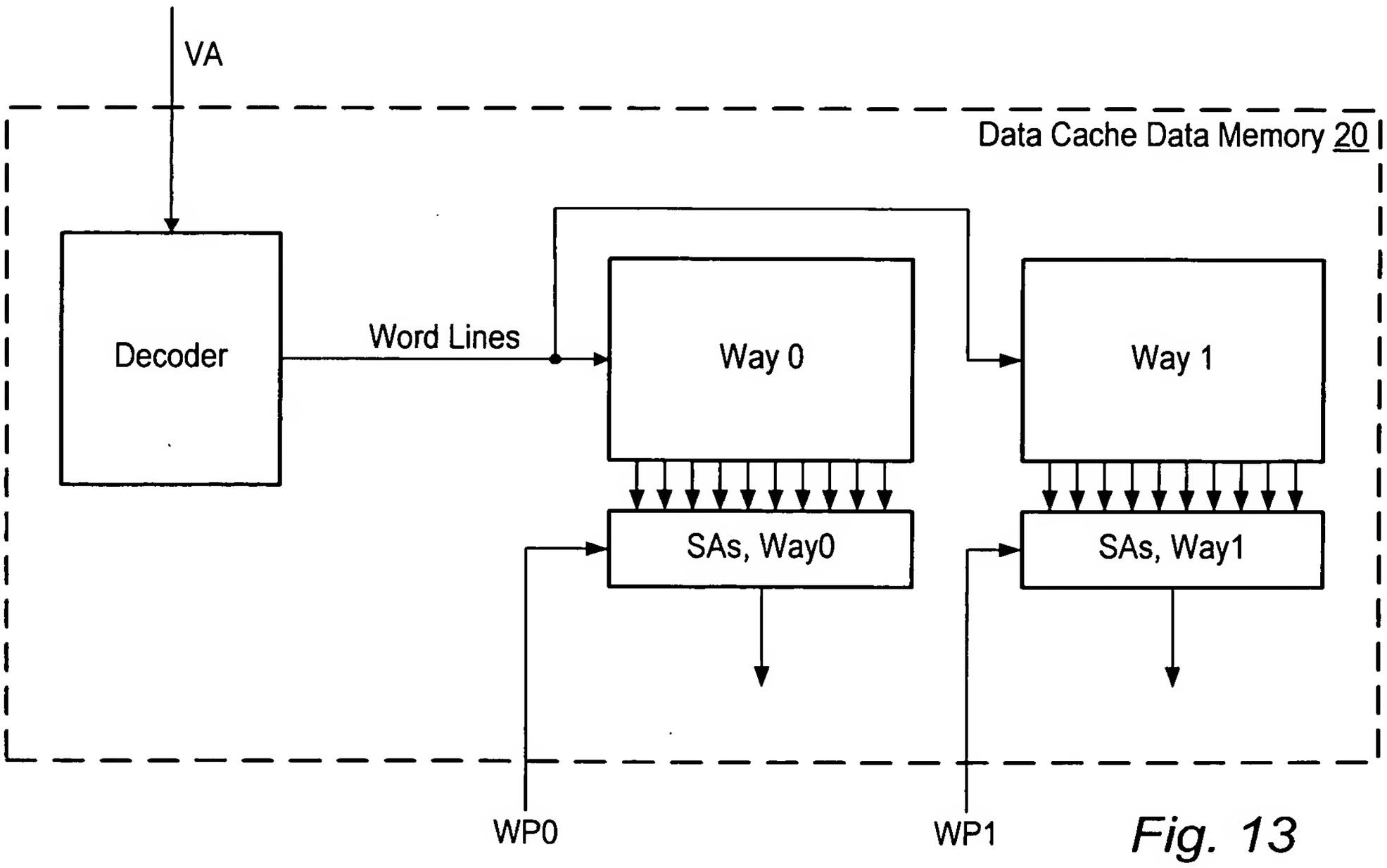

Fig. 13

OIPE JC32
JAN 0 5 2004
PATENT & TRADEMARK OFFICE

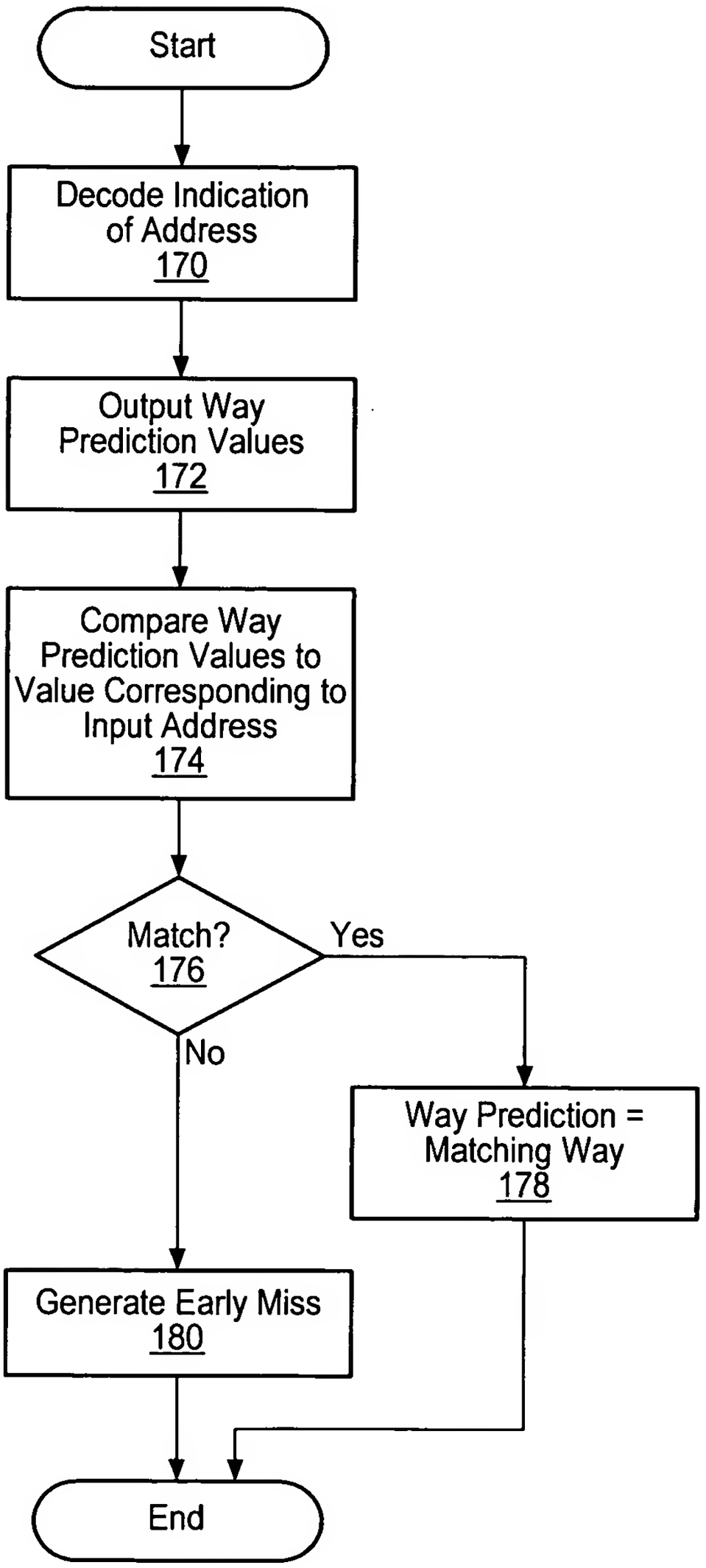

Fig. 14

PATENT & TRADEMARK OFFICE
JAN 05 2004
O I P E
JC32

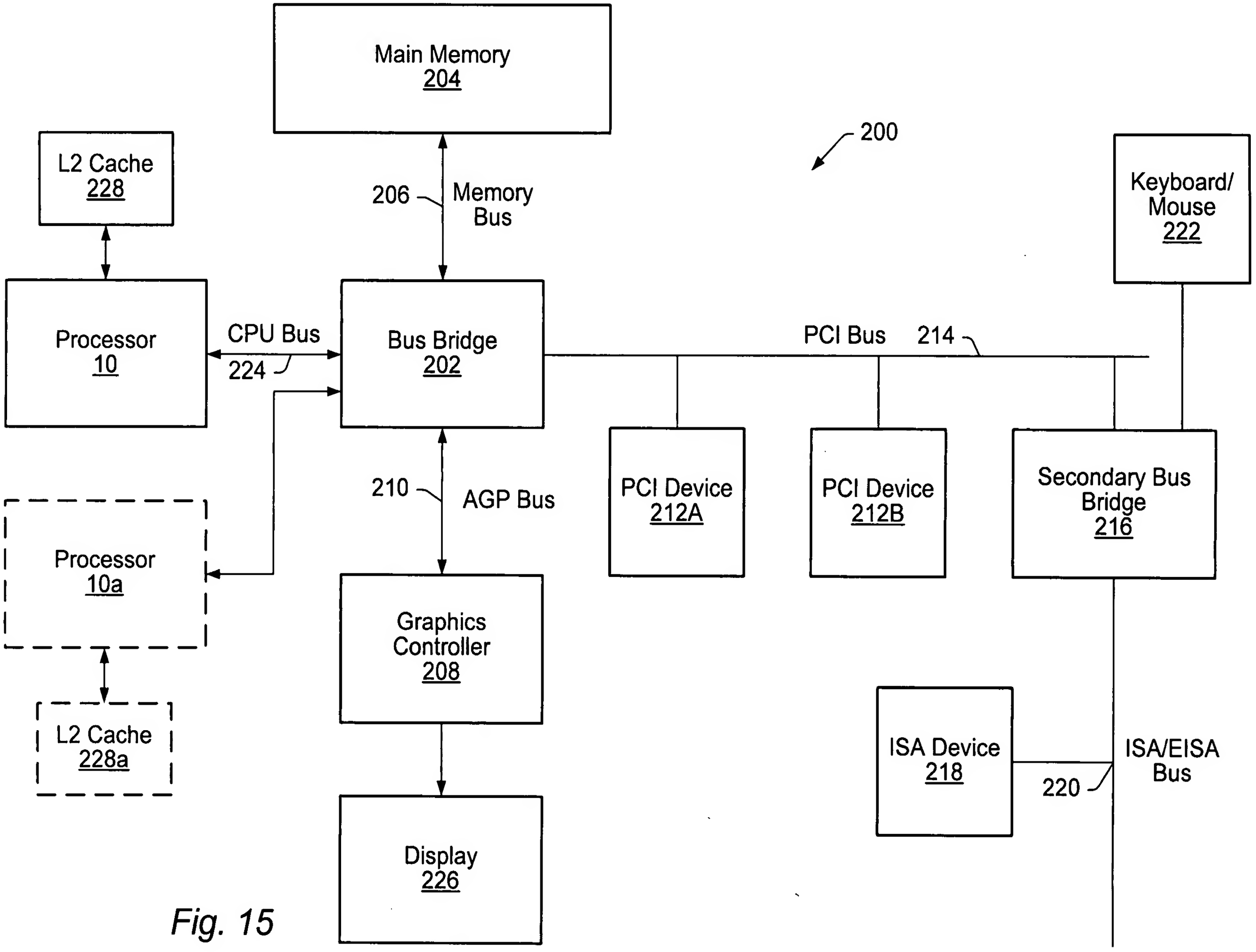

Fig. 15

OIPE
JAN 05 2004
PATENT & TRADEMARK OFFICE 2800

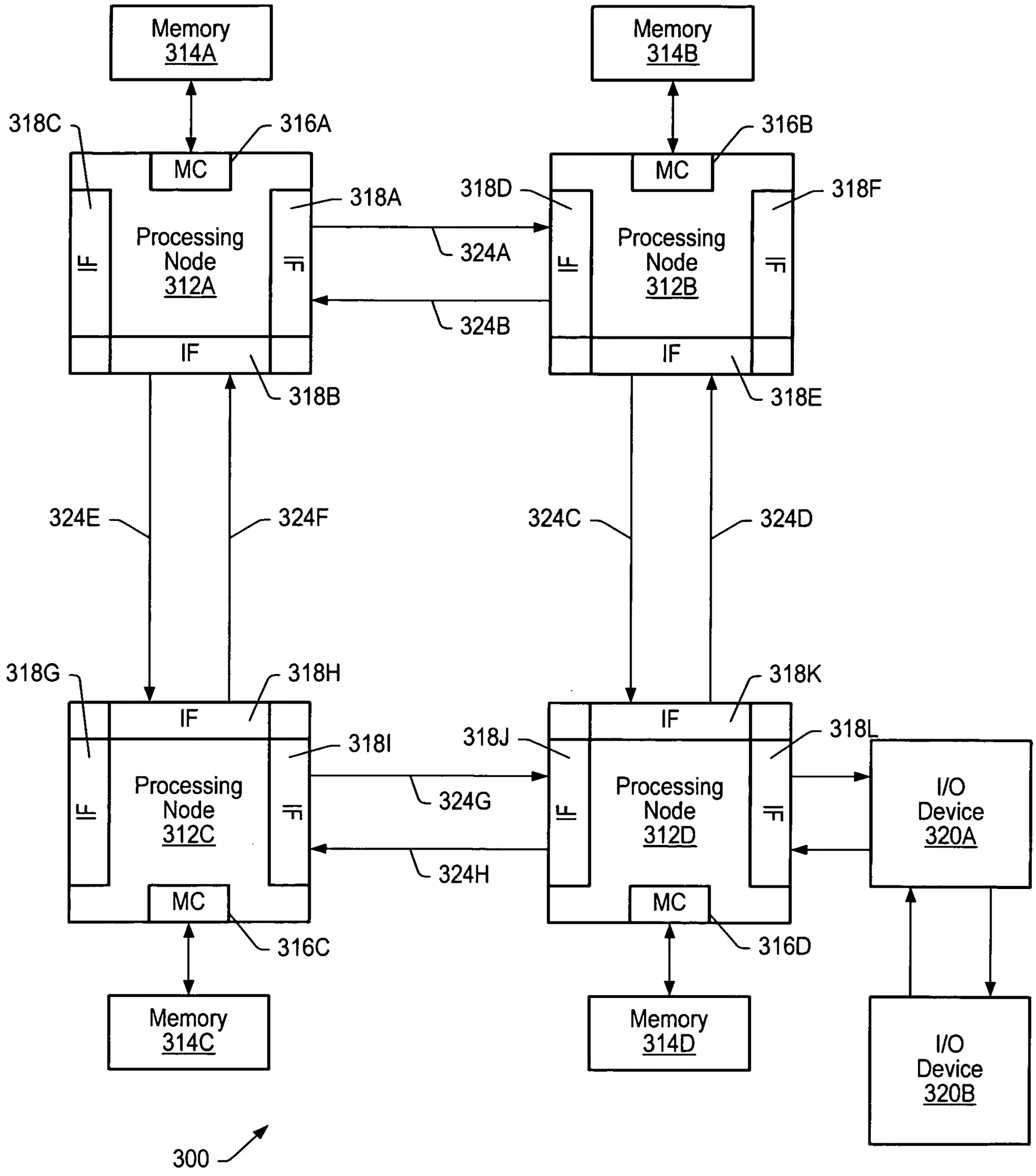

Fig. 16